

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number 10/057,849  
 Filing Date 01-24-2002  
 First Named Inventor Isabelle Guyon  
 Art Unit 2121 2129  
 Examiner Name George B. Davis  
 Attorney Docket Number 0161 (112092-0039)

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
C.D.	AA	US- 4,881,178-B1	11-14-1989	Holland	
C.D.	AB	US- 5,138,694-B1	08-11-1992	Hamilton	
C.D.	AC	US- 5,649,068-B1	07-15-1997	Boser	
C.D.	AD	US- 5,809,144-B1	09-15-1998	Sirbu	
C.D.	AE	US- 5,950,146-B1	09-7-1999	Vapnik	
C.D.	AF	US- 6,128,609-B1	10-03-2000	Barnhill	
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C.D.	AH	US- 6,157,921-B1	12-05-2000	Barnhill	
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		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> * Number * Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

George Davis

Date  
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8/20/05

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Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/057,849
				Filing Date	01-24-2002
				First Named Inventor	Isabelle Guyon
				Group Art Unit	242129
				Examiner Name	George B. Davis
Sheet	2	of	2	Attorney Docket Number	0161 (112092-0039)

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
C.D.	BA	ALON, U., et al., "Broad patterns of gene expression revealed by clustering analysis of tumor and normal colon tissues probed by oligonucleotide arrays", <i>Proc. Natl. Acad. Sci. USA</i> , June 1999, pp. 6745-6750, Vol. 96, Cell Biology	
C.D.	BB	BLUM, A.L., et al., "Selection of Relevant Features and Examples in Machine Learning", <i>Artificial Intelligence</i> , Dec. 1997, pp. 245-271, Vol. 97.	
C.D.	BC	BREDENSTEINER, E.J., et al., "Multicategory Classification by Support Vector Machines", <i>Computation Optimizations and Applications</i> , 1999, pp. 53-79, Vol. 12	
C.D.	BD	BROWN, M.P.S., et al., "Knowledge-based analysis of microarray gene expression data by using support vector machines", <i>Proc. Natl. Acad. Sci. USA</i> , Jan. 4, 2000, pp. 262-267, Vol. 97, No. 1	
C.D.	BE	DEVIJVER, P., et al., <i>Pattern Recognition. A Statistical Approach</i> , 1982, pp. 218-219, Prentice-Hall International, London	
C.D.	BF	FUREY, T.S., et al., "Support vector machine classification and validation of cancer tissue samples using microarray expression data", <i>Bioinformatics</i> , 2000, pp. 906-914, Vol. 16, No. 10	
C.D.	BG	GOLUB, T.R., et al., "Molecular Classification of Cancer: Class Discovery and Class Prediction by Gene Expression Monitoring", <i>Science</i> , Oct. 15, 1999, pp. 531-537, Vol. 286	
C.D.	BH	GUYON, I., et al., "An Introduction to Variable and Feature Selection", <i>Journal of Machine Learning Research</i> , 2003, pp. 1157-1182, Vol. 3	
C.D.	BI	HASTIE, T., et al., "Gene Shaving: a New Class of Clustering Methods for Expression Arrays", Technical Report, Stanford University, 2000, pp. 1-40	
C.D.	BJ	KOHAVER, R., "The Power of Decision Tables", <i>European Conference on Machine Learning (ECML)</i> , 1995, 16 pages	
C.D.	BK	KOHAVER, R., and JOHN, G.H., "Wrappers for Feature Subset Selection", <i>Artificial Intelligence</i> , Dec. 1997, pp. 273-324, Vol. 97, Issue 1-2, Special issue on relevance	
C.D.	BL	LE CUN, Y., et al., "Optimal Brain Damage", <i>Advances in Neural Information Processing Systems 2</i> , 1990, pp. 598-605	
C.D.	BM	MUKHERJEE, S., et al., "Support Vector Machine Classification of Microarray Data", Technical Report CBCL Paper 182, AI, Memo 1676 M.I.T., 1998	
C.D.	BN	WESTON, J., et al., "Feature Selection for SVMs", <i>Proc. 15<sup>th</sup> Conference on Neural Information Processing Systems (NIPS)</i> , 2000, pp. 668-674	
C.D.	BO	ZHANG, X. and WONG, W., "Recursive Sample Classification and Gene Selection based on SVM: Method and Software Description", Technical Report, Department of Biostatistics, Harvard School of Public Health, 2001, 5 pages	
C.D.	BP	GUPTA, P., et al., "Beam Search for Feature Selection in Automatic SVM Defect Classification", <i>16<sup>th</sup> International Conference on Pattern Recognition (ICPR'02)</i> , Aug. 2002, p. 20212, Vol. 2 (abstract only)	
Examiner Signature	George Davis		Date Considered 8/20/05

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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